APPENDIX II

UNITIZATION PROCEDURES FOR BOXED WHITE PHOSPHORUS (WP) AND PLASTICIZED WHITE PHOSPHORUS (PWP) LOADED AMMUNITION ON 4-WAY ENTRY PALLETS

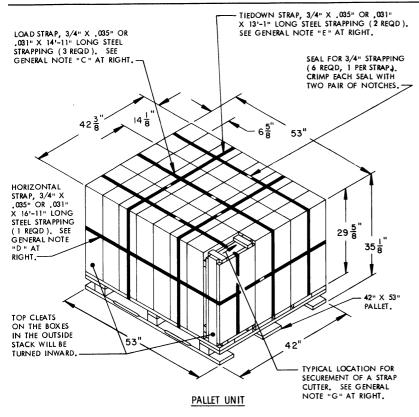
ROCKET, 3.5", PACKED 3 PER WOODEN BOX, UNITIZED 24 BOXES PER 42" X 53" PALLET; APPROX BOX SIZE 29 \(\frac{1}{8} \) L X I4 \(\frac{1}{8} \) W X 6 \(\frac{5}{8} \) H

PALLET UNIT DATA						
ITEMS INCLUDED		HAZARD CLASSIFICATION				WEIGHT
NSN	DODIC	DOT CLASS	CG CLASS	QD CLASS	COMP GROUP	(LBS)
1340- 00-028-6093 00-239-4085 00-471-5514	H602 H602 H602	A A A	П-D П-D П-O	(12) 1. 2 (12) 1. 2 (12) 1. 2	H H H	1, 393 1, 393 1, 3 69

NOTICE: THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4015-20PA1004.

REVIS	SIONS	30		FLWRF	
		GEG/		Const	
		DRSAR - LEF		DREAT HATERIEL	KARALAWA
\perp		APPROVED B	Y ORDER OF COL	MANDING GENERAL, O READINESS COMM	U. S. ARMY AND (DARCOM)
			A ARMY DEFE	ME AMMUNITION C	DA,
		U. S.	ARMY [ARCOM	DRAWING
			FEBRU	JARY 19	83
		CLASS	DIVISION	DRAWING	FILE
		19	48	4015/11	20PA 1004

DO NOT SCALE



SEE GENERAL NOTE "B" AT RIGHT.

DUNNAGE	.5" ROCKETS (3 PER BOX) @ 54 LBS7 LBS
1	TOTAL WEIGHT1,393 LBS (APPROX)

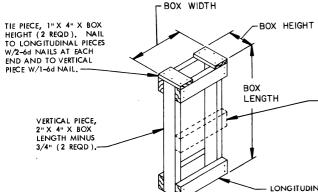
BILL OF MATERIAL
PALLET, 42" X 53" 1 REQD90 LBS STEEL STRAPPING, 3/4" 87.83' REQD 6.27 LBS SEAL FOR 3/4" STRAPPING REQD NIL

GENERAL NOTES

- A. THIS APPENDIX CANNOT STAND ALONE BUT MUST BE USED IN CONJUNCTION WITH THE BASIC UNITIZATION PROCEDURES DRAWING 19-48-4015-20PA 1004. TO PRODUCE AN APPROVED UNIT LOAD, ALL PERTINENT PROCEDURES, SPECIFICATIONS AND CRITERIA SET FORTH WITHIN THE BASIC DRAWING WILL APPLY TO THE PROCEDURES DELINEATED IN THIS APPENDIX, ANY EXCEPTIONS TO THE BASIC PROCEDURES ARE SPECIFIED IN THIS APPENDIX.
- B. DIMENSIONS, CUBE AND WEIGHT OF A PALLET UNIT WILL VARY SLIGHTLY DEPENDING UPON THE ACTUAL DIMENSIONS OF THE BOXES AND THE WEIGHT OF THE SPECIFIC ITEM BEING UNITIZED.
- C. THE LOAD STRAPS WILL BE PRE-POSITIONED ON THE PALLET DECK PRIOR TO PLACING BOXES ON THE PALLET. LOAD STRAPS MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF HORIZON-TAL STRAP.
- D. INSTALL THE HORIZONTAL STRAP TO ENCIRCLE THE LAYER OF BOXES ON THE PALLET. HORIZONTAL STRAP MUST BE TENSIONED AND SEALED PRIOR TO APPLICATION OF TIEDOWN STRAPS.
- E. INSTALL EACH TIEDOWN STRAP TO PASS UNDER THE TOP DECK BOARDS OF THE PALLET AND TO BE LOCATED AS SHOWN. TIE-DOWN STRAPS WILL NOT BE APPLIED UNTIL THE HORIZONTAL STRAP AND LOAD STRAPS HAVE BEEN TENSIONED AND SEALED.
- F. THE FOLLOWING DARCOM DRAWINGS ARE APPLICABLE FOR OUT-LOADING AND STORAGE OF THE ITEMS COVERED BY THIS APPENDIX

CARLOA DING----- DRAWING 19-48-4115-5PA 1002 TRUCKLOA DING---- DRAWING 19-48-4117-11PA 1003 STORAG E------ DRAWING 19-48-4118-1-2-3-4-14-22PA 1002

- G. FOR METHOD OF SECURING A STRAP CUTTER TO THE PALLET UNIT, SEE DARCOM DRAWING 19-48-4127-20P1000.
- H. IF ITEMS COVERED HEREIN ARE UNITIZED PRIOR TO ISSUANCE OF THIS APPENDIX, THE BOXES NEED NOT BE REUNITIZED SOLELY TO CONFORM TO THIS APPENDIX.
- J. THE UNITIZATION PROCEDURES DEPICTED HEREIN MAY ALSO BE USED FOR UNITIZING 3.5" ROCKETS WHEN IDENTIFIED BY DIFFERENT NATIONAL STOCK NUMBERS (NSN) THAN WHAT IS SHOWN ON THE TITLE PAGE, PROVIDED THE BOX PACK DOES NOT VARY FROM WHAT IS DELINEATED HEREIN. THE EXPLOSIVE CLASSIFICATION OF OTHER ITEMS MAY BE DIFFERENT THAN WHAT IS SHOWN.
- K. IF THERE IS A NEED TO USE FILLER ASSEMBLIES AND AT LEAST TWO PALLET UNITS ARE BEING CONSTRUCTED, NOT MORE THAN 20 FILLERS WILL BE INSTALLED IN ANY ONE PALLET UNIT. ADDITIONAL FILLERS CAN BE PUT IN A SECOND PALLET UNIT AS REQUIRED WHEN THE QUANTITY OF 20 FILLERS IN THE FIRST REDUCED PALLET UNIT IS INSUFFICIENT TO SATISFY THE TOTAL REDUCTION NEEDED. USING TWO PALLET UNITS TO SATISFY THE PALLETIZATION CRITERIA APPLICABLE TO LESS-THAN-FULL PALLET UNITS IS AN EXCEPTION TO THE BASIC PROCEDURES. HOWEVER, THE EXCEPTION IS NECESSARY FOR THE AMMUNITION PACK COVERED BY THIS APPENDIX, TO MOST EFFECTIVELY GET AN ACCEPTABLE, COMPACT AND SOUND PALLET UNIT.



- STRAP BEARING PIECE, 2" X 4" X BOX WIDTH (AS REQD), NAIL TO VERTICAL PIECES W,2-10d NAILS AT EACH END, <u>NOTE</u>: WHEN A UNIT HAS MORE THAN SIX (6) BOXES OMITTED, THE FILLER ASSEMBLY OR ASSEMBLIES LOCATED IN AN OUTER STACK ON THE 42" SIDE OR SIDES OF THE PALLET UNIT WILL REQUIRE A "STRAP BEARING PIECE" POSITIONED UNDER THE HORIZONTAL STRAP. STAPLE STRAP TO "STRAP BEARING PIECE".

LONGITUDINAL PIECE, $2" \times 4" \times BOX$ WIDTH (4 REQD). NAIL TO VERTICAL PIECES W/2-10d NAILS AT EACH END.

FILLER ASSEMBLY

PAGE 2